

SECISBP2 Polyclonal Antibody

Catalog No. E-AB-61334

Note: Centrifuge before opening to ensure complete recovery of vial contents.

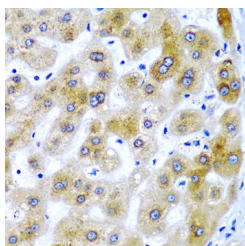
Description

Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein of human SECISBP2 (NP_076982.3).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

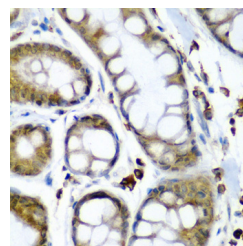
Applications Recommended Dilution

IHC	1:50-1:200
IF	1:50-1:100

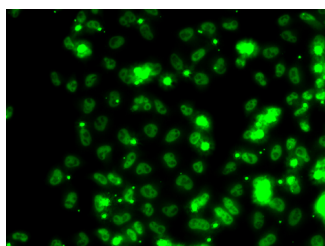
Data



Immunohistochemistry of paraffin-embedded Human liver damage using SECISBP2 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Human colon carcinoma using SECISBP2 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of HeLa cells using SECISBP2 Polyclonal Antibody

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The incorporation of selenocysteine into a protein requires the concerted action of an mRNA element called a sec

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insertion sequence (SECIS), a selenocysteine-specific translation elongation factor and a SECIS binding protein. With these elements in place, a UGA codon can be decoded as selenocysteine. The gene described in this record encodes a nuclear protein that functions as a SECIS binding protein. Mutations in this gene have been associated with a reduction in activity of a specific thyroxine deiodinase, a selenocysteine-containing enzyme, and abnormal thyroid hormone metabolism. Alternate splicing results in multiple transcript variants.